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ATTORNEY DOCKET NO. 10021114-1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Steven ROSENAU, et al.

Serial No.: 10/669,982

Examiner: Norris, J. C.

Filing Date: September 23, 2003

Group Art Unit: 2841

Title: VIA PLACEMENT FOR LAYER TRANSITIONS IN FLEXIBLE CIRCUITS WITH HIGH DENSITY BALL GRID ARRAYS

COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria VA 22313-1450

TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

Sir:

Transmitted herewith is/are the following in the above-identified application:

- ☒ Response/Amendment ☐ Petition to extend time to respond  
☐ New fee as calculated below ☐ Supplemental Declaration  
☒ No additional fee (Address envelope to "Mail Stop Amendments")  
☐ Other: (Fee \$ \_\_\_\_\_)

CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY						
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEES
TOTAL CLAIMS	23	MINUS	23	= 0	X 50	\$ 0
INDEP. CLAIMS	3	MINUS	3	= 0	X 200	\$ 0
<input type="checkbox"/> FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM					+ 360	\$ 0
EXTENSION FEE	1 <sup>ST</sup> MONTH 120.00 <input type="checkbox"/>	2 <sup>ND</sup> MONTH 450.00 <input type="checkbox"/>	3 <sup>RD</sup> MONTH 1020.00 <input type="checkbox"/>	4 <sup>TH</sup> MONTH 1590.00 <input type="checkbox"/>	\$ 0	
OTHER FEES						\$ 0
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT						\$ 0

Charge \$0 to Deposit Account 50-3718. At any time during the pendency of this application, please charge any fees required or credit any over payment to Deposit Account 50-3718 pursuant to 37 CFR 1.2 5. Additionally please charge any fees to Deposit Account 50-3718 under 37 CFR 1.16, 1.17, 1.19, 1.20 and 1.21. A duplicate copy of this transmittal letter is enclosed.

Respectfully submitted,

Steven ROSENAU, et al.

By

John P. Wagner, Jr.  
Attorney/Agent for Applicant(s)

I hereby certify that this correspondence is being Deposited with the United States Postal Service as First class mail in an envelope addressed to: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

Date of Deposit: 02/24/06

Typed Name: Desiree Reardon

Signature:

Reg. No. 35, 398

Date: 02/24/06

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Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	)	
Rosenau et al.	)	Examiner: Norris
Serial No. 10/669,982	)	Art Unit: 2841
Filing Date: 09/23/2003	)	
For: Via Placement for Layer	)	
Transitions in Flexible Circuits	)	
<u>With High Density Ball Grid Arrays)</u>	)	

Mail Stop Amendments  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

AMENDMENT AND RESPONSE TO OFFICE ACTION

Dear Examiner:

In response to the non-final Office Action mailed on December 1, 2005, Applicants respectfully request further examination and reconsideration of the above captioned patent application in view of the arguments set forth below.